# Zinc, dipropyl-

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|---|---|
| **Other names:** | Dipropyl zinc |
| **Inchi:** | InChI=1S/2C3H7.Zn/c2*1-3-2;/h2*1,3H2,2H3; |
| **InchiKey:** | QQTGJVBUIOTPGZ-UHFFFAOYSA-N |
| **Formula:** | C6H14Zn |
| **SMILES:** | CCC[Zn]CCC |
| **Mol. weight [g/mol]:** | 151.56 |
| **CAS:** | 628-91-1 |

## Physical Properties

| Property code | Value | Unit | Source |
|---|---|---|---|
| chl | -4653.00 ± 23.00 | kJ/mol | NIST Webbook |
| hf | -17.00 ± 23.00 | kJ/mol | NIST Webbook |
| hfl | -59.00 ± 23.00 | kJ/mol | NIST Webbook |
| hvap | 42.10 ± 0.40 | kJ/mol | NIST Webbook |

## Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---|---|---|---|---|
| hvapt | 42.10 ± 0.40 | kJ/mol | 341.50 | NIST Webbook |

## Sources

**NIST Webbook:** http://webbook.nist.gov/cgi/cbook.cgi?ID=C628911&Units=SI

## Legend

| | |
|---|---|
| **chl:** | Standard liquid enthalpy of combustion |
| **hf:** | Enthalpy of formation at standard conditions |

| | |
|---|---|
| **hfl:** | Liquid phase enthalpy of formation at standard conditions |
| **hvap:** | Enthalpy of vaporization at standard conditions |
| **hvapt:** | Enthalpy of vaporization at a given temperature |

Latest version available from:

https://www.chemeo.com/cid/15-707-0/Zinc-dipropyl.pdf

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